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Page 1 of 4

PATENT NO.

7,436,492 B2

APPLICATION NO. :

10/599,530

ISSUE DATE

Oct. 14, 2008

INVENTOR(S)

Braunecker, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page

Item (75) Inventors, change "Berneck" to -- Marbach-

ABSTRACT, change "on to a target" to -onto a target-

Replace Figure with the figure depicted herein below, wherein the reference 2 has been added. Telete Title Page and bubblithate The Attached Title Page therefore

Column 1

Line 26, change "air-or" to -air- or-

MAILING ADDRESS OF SENDER (Please do not use customer number)
Robert Burns Israelsen, WORKMAN NYDEGGER
100 Eagle Gate Tower
60 East South Temple
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NOV 2 8 2008

This collection of information is required by 37 CFT 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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7,436,492 B2

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ISSUE DATE

Oct. 14,/2008

INVENTOR(S)

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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 2

Line 6, change "on to" to -onto-

Line 49, change "component" to -components-

Line 56, change "of transmitter" to -of the transmitter-

Line 65, change "achieved, according" to -achieved, or the achievements are further developed, according-

Lines 66-67, change "Claims or the achievements are further developed." to -Claims.-

Column 4

Line 62, change "FIG. 3" to -FIG. 4-

Drawings Delete Sheet 2 and replace with attacked sheet 2. Sheet 2, teplace Figure 3 with the figure depicted herein below, wherein the reference -2 has been.

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US007436492B2

(12) United States Patent

Braunecker et al.

(10) Patent No.: US 7,436,492 B2 (45) Date of Patent: Oct. 14, 2008

(54)	ELECTRONIC DISTANCE METER FEATURING SPECTRAL AND SPATIAL SELECTIVITY					
(75)	Inventors: Bernhard Braunecker, Rebstein (CH); Peter Kipfer, Bemeck (CH)					
(73)	Assignee: Leica Geosystems AG, Heerbrugg (CH)					
(*)	Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.					
(21)	Appl. No.: 10/599,530					
(22)	PCT Filed: Apr. 1, 2005					
(86)	PCT No.: PCT/EP2005/051478					
	§ 371 (c)(1), (2), (4) Date: Dec. 30, 2006					
(87)	PCT Pub. No.: WO2005/096009					
	PCT Pub. Date: Oct. 13, 2005					
(65) Prior Publication Data						
	US 2007/0188735 A1 Aug. 16, 2007					
	Related U.S. Application Data					
(60)	Provisional application No. 60/558,580, filed on Apr. 2, 2004.					
(51)	Int. Cl. G01C 3/08 (2006.01)					
(52)	U.S. Cl					
(58)	Field of Classification Search					
	See application file for complete search history.					
(56) References Cited						
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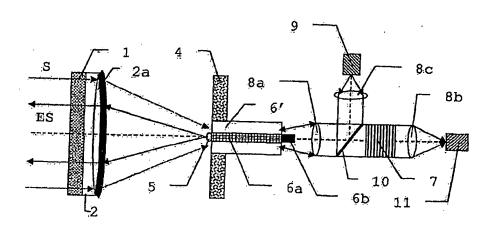
(Continued)

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7) ABSTRACT

Disclosed is a distance meter, particularly for telescope arrays in ground-based or space-based applications for detecting surfaces. Said distance meter comprises at least one radiation source for emitting electromagnetic radiation on to a target that is to be measured, a receiver unit with a sensor for receiving the radiation reflected by the target and deriving distance data, and a first spectral filter component. According to the invention, the angular spread of reception of the reflected radiation is limited by means of at least one spatial filter component, especially a fiber laser as a radiation source and receiver component.

18 Claims, 2 Drawing Sheets



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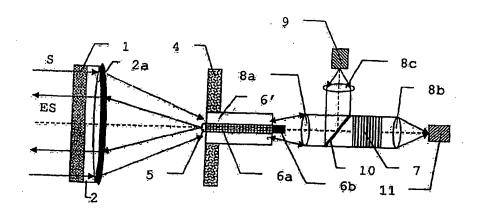


Fig. $\mathbf{3}$

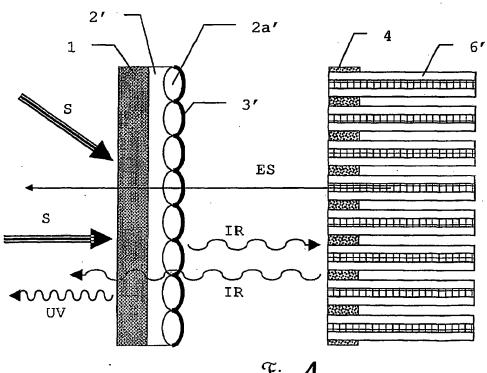


Fig. 4